

ABSTRACT OF THE DISCLOSURE

The invention is a sealing system and a method of operation thereof. A sealing system which forms spaced apart thermal seals along a moving at least one web (60) by contact of the moving the at least one web with heated portions (74) of sealing elements (56) mounted on a sealing wheel (50) during rotation in accordance with the invention includes seal forming elements (56) which peripherally contact the at least one web to form the thermal seals by heat transfer to the at least one web; and wherein each seal forming element has an outer section (62) on which is located at least one electrical heater (78), an inner section (64) which contacts the sealing wheel and an intermediate section (70) which includes thermal insulation (68) which insulates the outer section from the inner section.